

Date: Mon, 29 Mar 93 15:01:50 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #390
To: Info-Hams

Info-Hams Digest Mon, 29 Mar 93 Volume 93 : Issue 390

Today's Topics:

160-10M Nets List / Sailing Info?
2 meter phone calls?
Alinco 570 Secret Bands
Autopatch
Best source for 2 metre radios.
Building Shortwave Antennae
Contest is Okay
DESPERATE...NEED TO KNOW FACTS CONCERNING LEGALITY
Hamvention info
Help with an FT 101B
How is 15M Doing Lately?
Manuals needed
motive ...
need copy of cushcraft beam manual
Part 97
RFD: reorganization of rec.radio.amateur
Updated RACES Bulletin Index

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 29 Mar 1993 21:44:42 GMT
From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!rtaylor@network.UCSD.EDU
Subject: 160-10M Nets List / Sailing Info?
To: info-hams@ucsd.edu

Great, but how do I get it on Internet. I'm not subscribed to other stuff

and no toll calls from work.

Date: Mon, 29 Mar 1993 16:56:31 GMT
From: well!well.sf.ca.us!fritza@uunet.uu.net
Subject: 2 meter phone calls?
To: info-hams@ucsd.edu

In <1993Mar26.201546.4602@nic.csu.net> vannuysd@sonoma.edu (David Van Nuys) writes:

>Hi Gang,

>I used to be a ham but let my license expire. I am thinking of getting
>back
>into it. Is it true that with a 2-meter HT it is possible to make phone
>calls? What are the limitations/restrictions? Are there disadvantages
>relative to a cellular phone?

>Please send e-mail replies. Thanks.

>David Van Nuys
>Psychology, Sonoma State University, Rohnert Park, CA 94928
Many VHF and UHF repeaters offer autopatch services: You punch in a DTMF (TouchTone [TM]) password to get a dial tone. Most trustees give out autopatch codes only to people who support the repeater with money or sweat.

A patched phone call is still an amateur QSO. Neither you nor the party you call may discuss business. Can you order a pizza? Not at the moment. Can you call your boss to tell him you'll be late? Only if you can plausibly claim that he would otherwise burden the police with a search for you. Both the frequency and the autopatch are shared resources, to which no one user (barring emergency traffic) has first claim. An autopatch is therefore not available 100% of the time, nor for long conversations. Incoming phone calls are obviously a problem; I've heard one trustee consider installing voice mailboxes for members' incoming messages.

-- 73 de Fritz Anderson WT9T

Date: Mon, 29 Mar 1993 20:18:26 GMT
From: usc!elroy.jpl.nasa.gov!sdd.hp.com!zaphod.mps.ohio-state.edu!magnus.acs.ohio-state.edu!csn!yuma!galen@network.UCSD.EDU
Subject: Alinco 570 Secret Bands
To: info-hams@ucsd.edu

I was fooling around with my DR-570 and found out how to get reception in the 340 MHz and 860MHz areas. Has anyone else been able to do this? Would anyone care to know how to do this?

73,
Galen Watts, KF0YJ
I speak only for me, no one else.

Date: 29 Mar 93 10:46:18 EDT
From: usc!wupost!uhog.mit.edu!eddie.mit.edu!news.intercon.com!psinnntp!
arrrl.org@network.UCSD.EDU
Subject: Autopatch
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, gary@ke4zv.uucp (Gary Coffman) writes:
>
>Well it's legal for the user to ID the machine as well as his own
>station by doing a network ID at the required intervals. The poster
>was describing a *remote base*, not a repeater operating under
>automatic control.
>

'Scuse me? "Remote Base"? Try finding those words in part 97 - you won't.

Which brings it back to either being a station in repeater operation or auxiliary operation. One or the udder...

			Deputy Manager, Field Services, ARRL.
		____	The ARRL Amateur Radio Emergency Service, the ARRL
	uck		National Traffic System, The Amateur Auxiliary to
-----		urder	the FCC's Field Operations Bureau, the ARRL
			Field Organization and the ARRL Monitoring System.
	KY1T		

lhurder@arrrl.org Prodigy - MGTS39A, BIX - ARRL,
MCI Mail - RPALM, MCI Mail - "ARRL", America On Line - "ARRL HQ"
Compuserve - 70007,3373 (ARRL HQ) -- Genie ARRL.HQ

Date: 29 Mar 93 20:48:14 GMT
From: usc!howland.reston.ans.net!noc.near.net!hri.com!ukma!UKCC.UKY.EDU!
WALLY@network.UCSD.EDU
Subject: Best source for 2 metre radios.
To: info-hams@ucsd.edu

I have looked through the newgroup and did not find anything pertaining to this, so...

I am thinking about getting a 2 metre radio from Rat Shack.. \$260.. I have heard that Marymac would most likely sell this radio cheaper. However, I do not have their number.

Also.. Is there a better deal I can get than this radio? I am new to amateur radio so excuse my ignorance.. :)

Just a wee broadcasting engineers assistant..

Thank you for your help.

Walter_ //	Wally@UKCC.UKY.EDU	AN723@Cleveland.Freenet.EDU
R \X/	Wally@MIK.UKY.EDU	
Francis	Francis@UKPR.UKY.EDU	

Date: Mon, 29 Mar 1993 17:08:47 GMT
From: netcomsv!netcom.com!pascal@decwrl.dec.com
Subject: Building Shortwave Antennae
To: info-hams@ucsd.edu

I have an Allied SX-190 I picked up at an IEEE flea market a few years ago, which I'm dusting off to use for code practice (so I can finally get my amateur license - hopefully, Tech-plus, to start).

I have a few books on antennas, but am looking for practical knowledge. The radio has a coax screw-on jack on the back for the antenna feedline, and is described in the manual as being 50 to 75 ohms, unbalanced. My brother - who has an Advanced license - made an antenna, a few years ago, out of a few dozen feet of copper wire, one end attached to the center of the jack. Now, I'm trying to make a better antenna. My brother's previous design now seems questionable - shouldn't the antenna have been center-tapped, instead of tapping it at one end ... and shouldn't it have had a complementary element attached to the ground side of the coax jack ?

The radio in question is designed to receive frequencies that range from 3.5 through 27 MHz. I wandered into Radio Shack and bought two spools of 30 AWG enamel-coated wire, each of them 200 feet in length. According to my calculations, 200 feet translates into a half-wave element tuned to the frequency of 2.34 MHz. Then I went across the street to Woolworth's and bought a pair of styrofoam toroids (left over from Christmas wreath-making). I took these items home, and, taking one of the spools, I wrapped 200 feet of wire around

the toroid, fairly evenly distributed (although nowhere perfectly so), and taped the far end down with electrical tape. I left about three inches out, and wrapped the toroid in a layer of electrical tape, for insulation. Then I did the same thing with the other spool of wire, leaving an equivalent short length of wire for connections, wrapping the rest of it around in the reverse direction, anchoring the far end and again wrapping it in electrical tape for insulation and longevity.

As I understand antenna theory, I can now delicately solder these two thin strands of wire to, um, tip and ring, as it were, of some 75-ohm coax, and use this as a feedline to carry signals to the back of the receiver, and I will have a bidirectional loop antenna, connecting the other ends of the coax to the center and the ground, respectively, of the jack. Is this right ?

The receiver has what I think is a tuning coil, what's called a preselector on the front panel. Should I add another one outside the radio, for better tuning, or is the tuning capacitor within the radio suitable to the range of frequencies this radio is designed to receive ?

Would it be better if I custom-built an antenna for each band (3.5, 4.7, 5.7, 7.0, 9.5, 11.5, 14.0, 15.0, 17.5, 21.0, 27.0 MHz) ? I guess I could attach them to a broomstick and just face the antenna array en masse (or buy a real antenna, but I'm looking for portability and education here).

I will try to follow these newsgroups, but prefer email responses, if possible.

-- richard

--

The silliest thing I ever read, richard childers, pascal@netcom.com
Was someone saying "God is dead."
The simple use of The Word
Negates the second, and the third. (Duke Ellington, _Sacred Concert_)

Date: 29 Mar 93 23:40:06 GMT
From: pa.dec.com!nntpd2.cxo.dec.com!10540.enet.dec.com!jepsen_st@decwrl.dec.com
Subject: Contest is Okay
To: info-hams@ucsd.edu

>But the WPX contest has me worried... the HF phone bands are one big
>pileup. Can't the contest organizers make some band limitations on the
>contesters? It could be easily enforced -- have a couple of umpires
>listening above the "contest band edge" and disqualify anyone calling
>CQ CONTEST out of band.

I fail to understand why some people don't see contesting as a valid use of amateur radio. If the band was filled with Phone Patches, Traffic Nets, Special event stations, or (insert your favorite use of the amateur bands here), would John still demand 'umpires' and more regulation?

B.T.W. the contests are almost always limited to one mode and are restricted from the WARC bands. John can always operate CW or use the other bands.

>I should not require a kilowatt to talk to the Pacific Rim. Usually
>it takes under 20 watts to be heard, and 100 watts is plenty... this weekend
>it's hopeless, while band conditions are excellent.

Many of the contesters use QRP and it's encouraged by the organizers through point incentives. A lot of these 'kilowatt' stations have just invested a lot of time and money into a good antenna/tower.

In my opinion, contesting is one of the few really valid places to use high power. The idea is to be heard by as many stations as possible, not have QSO with one guy on the pacific rim. How many rag-chewers have you heard that use high power to 'Make some room' while they talk to a friend that is close enough for low power?

>I am not anti-contest, but let's be a little bit considerate!

Consideration doesn't seem to apply when dealing with contests. I've been intentionally jammed many times, while contesting, because I was on someones 'frequency', even though I'd been there for many hours. I never move onto a frequency until I've checked to make sure it's free. How many non-contest users of the band are that considerate? (Try having a QSO anywhere near 14.230, I dare you).

Contesting is as valid a use of the amateur bands as rag chewing, net operations, etc. If it doesn't appeal to you, fine, do something else. If you absolutely must communicate at a particular time, use the phone. (if it's that important, and it's not an emergency, it shouldn't go over amateur radio anyway.) If you have a real emergency, there are thousands of stations on the air to help you (they're in the contest but they'll help).

I'm not in this contest..but I support contesting.

Steve...AI7W

Date: 29 Mar 1993 10:59:50 -0800

From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!mojo.eng.umd.edu!news.isi.com!
news.isi.com!not-for-mail@network.UCSD.EDU
Subject: DESPERATE...NEED TO KNOW FACTS CONCERNING LEGALITY
To: info-hams@ucsd.edu

>> In article <103360159@hpfcso.FC.HP.COM> perry@hpfcso.FC.HP.COM (Perry Scott)
>> >> I am desperate to find out if it is legal to own a ham radio
>> >> that has been modified to TRANSMIT out of band.
>> >> ie. a Yaesu FT-23R that can be modified to transmit between
>> >> 140-164 MHz...I think.

The answer to this question is really simple: You can "own" anything you want, whether or not it transmits out of band. You cannot "use" anything that transmits out of band without the proper license (or in an emergency). Use of such a modified radio in the ham bands (assuming you're licensed) is perfectly legal.

In fact, if I wanted to, I could buy a 1 million watt UHF television transmitter. I wouldn't be able to use it, of course.

--

Jerry Gardner (jerry@isi.com) | The Raw Deal -- Day 66
Integrated Systems, Inc. |

Date: Mon, 29 Mar 1993 21:15:26 GMT
From: usc!zaphod.mps.ohio-state.edu!cis.ohio-state.edu!udecc.engr.udayton.edu!
blackbird.afit.af.mil!jmillier@network.UCSD.EDU
Subject: Hamvention info
To: info-hams@ucsd.edu

Since no one else has mentioned anything...

Just in time for the Hamvention, the Ohio Dept of Transportation has decided to start a new construction area on I-75 between the Wagoner Ford and Little York offramps. Yes, Virginia, this includes the Needmore offramp, which is what most folks going to Hara from I-75 will use. Construction is conveniently scheduled to begin 1 April.

There is another I-75 construction zone through West Carrollton, just south of Dayton city proper. Not only that, but that area is a favorite for speed "enforcement" (watch out, lidar is in use, too).

Another area to watch your speed -- the speed limit drop (65 -> 55) on I-75 has moved from the Needmore offramp to the first offramp north of I-70 (don't recall the name offhand)...of course the construction area makes some of that

moot.

My father-in-law, who just drove up from San Antonio, told me yesterday that there's some pretty serious construction happening on the I-75 entrance into Cincinnati (anyone south of here know the specifics?).

I-70, at least, is clear of construction (at last!) between I-75 and I-675. Dunno about west of I-75 or east of I-675...

73, Jeff

--

Jeff Miller, NH6ZW/N8, AFA1HE (ex WD6CQV, AFA8JM, AFA1D0)
AFIT School of Engineering, Wright-Patterson AFB, OH
"This class (Formal Methods in SW Engineering) redefines the term "auger in" -- nameless AFIT student. Help eliminate FOD in our lifetime.

Date: Mon, 29 Mar 1993 18:40:53 GMT
From: usc!howland.reston.ans.net!newsserver.jvnc.net!siemens!siemens.com!
dep@network.UCSD.EDU
Subject: Help with an FT 101B
To: info-hams@ucsd.edu

Hi

I just got a FT 101B. Can someone tell me about its good and bad points? It has tubes in the driver and finals. Do I have to be careful about burning them up? (I have never used a rig with tubes in the finals..

Thanks in advanced for the help.

Dave Post
WA2QIK
dep@siemens.com

Date: Mon, 29 Mar 1993 16:38:34 GMT
From: usc!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!att-out!cbnews1!
dara@network.UCSD.EDU
Subject: How is 15M Doing Lately?
To: info-hams@ucsd.edu

In article <108970001@hpspdla.spd.HP.COM>, billg@hpspdla.spd.HP.COM (Bill Gingras) writes:

>
> I'm planning to set up a single band HF antenna. The band I'd like to
> use is 15M as the antenna size will be reasonable. How has 15M been
> doing lately? Has it been open often or am I doing this at the wrong
> time in the sun spot cycle? I realize the band will get worse over the
> next few years, but I want to know how 15M is doing NOW.
>
> Thanks,
>
> - Bill G
>

Bill, I can't speak for today but it was very nice yesterday (Sun).
I divided my time between 10 and 15 and worked Tahiti, Guinea, and
Saudi Arabia. (on one or the other) also heard lots more gud stuff
Shel

Date: Mon, 29 Mar 1993 13:05:38 EST
From: usc!sol.ctr.columbia.edu!hamblin.math.byu.edu!yvax.byu.edu!cunyvmlpsuvm!
pjc130@network.UCSD.EDU
Subject: Manuals needed
To: info-hams@ucsd.edu

I need manuals and schematics for the following radios:

RCA 500 mobile
GE MPI-series handhelds
GE Royal Exec
Motorola Dispatcher

Any help would be appreciated.

Please reply to paul@n3eop.pgh.pa.us. Thanks.

Date: 29 Mar 1993 10:46:36 -0800
From: morrow.stanford.edu!morrow.stanford.edu!not-for-mail@decwrl.dec.com
Subject: motive ...
To: info-hams@ucsd.edu

In article <1265@arrrl.org>,

lhurder@arrl.org (Luck Hurder KY1T) writes:

> ARRL Amateur Radio Motivation Survey

>

>

> Please take a moment to help the American Radio Relay
> League examine one of the most important issues in Amateur
> Radio today: why did YOU become a ham?

>

>Your name:

Steven John Eastman

>

>Your Call:

On its way -- any day now. I passed the tech. test on Jan 30, 1993.

>

>How long have you been a ham?

See above. I've been ham-aware for many years. See 2 below.

>

>1. What made you want to become a ham?

I'm basically a gay techo-nurd. When I found out there is a gay ham radio group in San Francisco I got interested. Its name is LARC: Lambda (a code word for gay) Amateur Radio Club. This year we are doing the health and safety comm. for the AIDS Bike-A-Thon in S.F.. Last year it raised over a quarter of a million dollars for AIDS research! It also helped that there is a class of license for which there is no code requirement.

>

>2. How did you first hear about ARRL?

Date: 29 Mar 93 22:21:00 GMT

From: usc!zaphod.mps.ohio-state.edu!ub!acsu.buffalo.edu!ubvmsd.cc.buffalo.edu!
v111qheg@network.UCSD.EDU

Subject: need copy of cushcraft beam manual

To: info-hams@ucsd.edu

Does anyone have a photocopy of the Cushcraft 4 element 15 meter monobander that they could donate to me? If you can help please leave a note at my e-mail address or look me up in the callsign server. Thanks and any help is appreciated. 73,

Peter kb2nmv

Date: 29 Mar 1993 17:53:50 GMT
From: usc!sdd.hp.com!swrinde!emory!sol.ctr.columbia.edu!hamblin.math.byu.edu!
usenet@network.UCSD.EDU
Subject: Part 97
To: info-hams@ucsd.edu

In article <fred-mckenzie-260393103808@k4dii.ksc.nasa.gov> writes:
> In article <1993Mar25.115000.986@hemlock.cray.com>, dadams@cray.com (David
> Adams) wrote:
> > Is there someplace I can get a (preferably e-mail) copy of Part 97?
>
> David-
>
> The latest edition of Part 97 that ARRL has published, is dated 1989. I
> have seen an MS-DOS program that was actually Part 97 with a search
> capability, but don't remember where I saw it. It was also rather old, as
> was a text file I saw sometime back.
>
[deleted...]

If you look at FQA on this newsgroup, it will tell you where you can get part
73.

Note: it is almost cmeplete...

73,
tatsuya

Date: 29 Mar 1993 11:11:46 -0800
From: usc!zaphod.mps.ohio-state.edu!darwin.sura.net!mojo.eng.umd.edu!news.isi.com!
news.isi.com!not-for-mail@network.UCSD.EDU
Subject: RFD: reorganization of rec.radio.amateur
To: info-hams@ucsd.edu

#Newsgroup name	description
#-----	-----
#rec.radio.amateur.misc	all Ham radio topics not covered below
#	i.e. video, stories, humor, new topics
#	[no modification to existing newsgroup]
#potpourri of r.r.a	
#rec.radio.amateur.policy	regulations & policy issues
#	[no modification to existing newsgroup]
#previous comments apply.	

```
#rec.radio.amateur.digital.misc      packet radio & other digital modes
#                                     [includes old rec.radio.amateur.packet]
#rec.radio.amateur.digital.tcp-ip    TCP/IP via packet radio
#maybe if I was a tcp-ip enthusiast this would seem like a good idea.

#rec.radio.amateur.operating          Operating procedures and questions: DX,
#                                     CW, contests, propagation, repeaters
#all of this stuff will tend to end up in r.r.a.misc without a moderator.

#rec.radio.amateur.products          manufactured equipment, modifications
#ditto
#rec.radio.amateur.instruction        Ham radio instruction & examination
#Is this big enough to worry about?
#
#rec.radio.amateur.construction       homebrewing & experimentation
#this might work because the homebrew/technoid posters will be motivated
#to leave the r.r.a.misc quagmire. Probably passes the "community" test.
#Is this really r.r.a.technical ?

#rec.radio.amateur.space              amateur radio in space: satellites,
#                                     earth-moon-earth (EME), shuttle, MIR
#This would work, definitely passes the community test.

#rec.radio.amateur.emerg-services     emergency services: RACES, ARES, NTS
#Is this big enough to bother with?
#
```

Let's not forget rec.radio.amateur.aquaria...

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Jerry Gardner (jerry@isi.com)      |   The Raw Deal -- Day 66
Integrated Systems, Inc.            |
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Date: 29 Mar 93 13:38:14 EST
From: titan.ksc.nasa.gov!titan.ksc.nasa.gov!news@ames.arpa
Subject: Updated RACES Bulletin Index
To: info-hams@ucsd.edu
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The RACES Bulletin Index has been updated through Bulletin number 265.
For a copy send e-mail to steve@vulture.ksc.nasa.gov.

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Steve Schindler
Voice Systems Branch
NASA - Kennedy Space Center

Internet: steve@vulture.ksc.nasa.gov
NASAmail: sschindler@nasamail

Date: Mon, 29 Mar 1993 21:48:53 GMT
From: dog.ee.lbl.gov!newshub.nosc.mil!avalon.nwc.navy.mil!peewee!
erik@network.UCSD.EDU
To: info-hams@ucsd.edu

References <12182@news.duke.edu>, <1p0021INNk88@chnews.intel.com>,
<C4MsHH.Mz7@odin.corp.sgi.com>
Subject : Re: "CB transplants"

In article <C4MsHH.Mz7@odin.corp.sgi.com> adams@chuck.dallas.sgi.com (Charles Adams) writes:

>In article <1p0021INNk88@chnews.intel.com>, jrbromley@joshua.intel.com (James Bromley~) writes:

>...deleted

>|> >Okay, here's a little quiz. How many of you *never* used a CB before
>|> >becoming a ham?

>|> >

>|> >The rest of you, hang your heads in shame; you're "CB transplants."

>|> >Yes, that includes *you*.

>...deleted

I don't even know what "CB" means! In fact, in addition to
not "using" 26-28 MHZ before becoming a ham, I have never used 160-10
meters either! In fact I never "used" CW before becoming a ham...
Come to think of it, I probably never will use CW *or* 160-10m, ever.
;-)

--

Erik van Bronkhorst KC6UUT DoD#4342585443 AMA#[classified]

"Truth is false and logic lost, now the fourth dimension is crossed..."

"You slice Orc child's head"

Date: (null)

From: (null)

>

>3. What would/did motivate you to join ARRL?

I will join when they explicitly deny any bias against gay folk.

>

>Please send responses in private mail, where possible to

>one (and ONLY one) of the following e-mail addresses:

>Internet - lhurder@arrl.org, Prodigy - MGTS39A,
>BIX - "ARRL", America On Line - "ARRL HQ"
>CompuServe - 70007,3373 (ARRL HQ), Genie -- ARRL.HQ

Steve Eastman, Systems Programmer

Work: Research Libraries Group, Inc.\Stanford University
1200 Villa Street, Mountain View, CA USA 94041-1100
VOX: 415-691-2387, FAX: 415-964-0943

BR.SJE@RLG.BITNET or BR.SJE@RLG.Stanford.Edu

Home: 346 South Van Ness Avenue, San Francisco, CA USA 94103
VOX: 415-864-1019

"9th Amendment

The enumeration in the Constitution of certain rights shall not
be construed to deny or disparage others retained by the people."

End of Info-Hams Digest V93 #390
